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02/12/01  
jc490 U.S. PTO

Express Mail #EK178625585

Attorney Docket No. B-026

**BOX PATENT APPLICATION**  
Assistant Commissioner for Patents  
Washington, D.C. 20231

11011 U.S. PTO  
09/781931  
02/12/01

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application of:

Inventor(s): James R. Fincke and Brent A. Detering

For (title): Thermal Synthesis Apparatus and Process

**Enclosed are:**

- ☒ 11 sheets of drawing(s). ☐ informal ☐ formal
- ☐ An assignment of the invention to Bechtel BWTX Idaho, LLC
- ☐ A certified copy of a \_\_\_\_\_ application.
- ☐ An associate power of attorney.
- ☐ Combined Declaration and Power of Attorney.
- ☐ Information Disclosure Statement.
- ☐ Form PTO-1449 (together with citations).

**Fee Calculation (37 CFR 1.16)**

**CLAIMS AS FILED**

NUMBER FILED	NUMBER EXTRA	RATE	BASIC FEE \$710.00
Total Claims (37 CFR 1.16(c)) 20-20=	0	X \$18.00	= 0
Independent Claims (37 CFR 1.16(b)) 3-3=	0	X \$80.00	= 0
Multiple dependent claim(s), if any (37 CFR 1.16(d))		\$260.00	= 0
			<b>TOTAL \$ 710.00</b>

- ☒ Please charge Deposit Account No. 05-0565 in the amount of \$ 710.00.  
A duplicate copy of this sheet is attached.
- ☐ A check in the amount of \$\_\_\_\_\_ to cover the filing fee is enclosed.
- ☐ A check for \$\_\_\_\_\_ is enclosed to cover the assignment recordation fee.
- ☒ The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 05-0565:
  - ☒ Any additional filing fees required under 37 CFR 1.16(a), (f) or (g) (filing fees).
  - ☒ Any additional filing fees required under 37 CFR 1.16(b), (c) and (d) presentation of extra claims.)
  - ☐ Any additional filing fees required under 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application).
  - ☐ Any patent application processing fees under 37 CFR 1.17.
  - ☐ The issue fee set in 37 CFR 1.18 (at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

*W. Gary Goodson*  
 \_\_\_\_\_  
 SIGNATURE OF ATTORNEY  
 W. Gary Goodson  
 Reg. No. 22.387

P. O. Box 1625  
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05754534-004204



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BECHTEL BWXT IDAHO, LLC

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February 12, 2001

CCN 18292

BOX PATENT APPLICATION  
Assistant Commissioner for Patents  
Washington, D.C. 20231

B-026, "THERMAL SYNTHESIS APPARATUS AND PROCESS"

Dear Sir:

Enclosed is the subject patent application and 11 sheets of drawings, together a fee sheet, in duplicate; and a return receipt postcard.

Sincerely,

Patricia A. Butikofer  
Intellectual Property Administrator  
Technology Transfer Office

PB

Enclosures

cc: R. J. Fisher, DOE-CH (w/o Encl)

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